



Alan C. Lloyd, Ph.D.  
Agency Secretary  
Cal/EPA



## Department of Toxic Substances Control

5796 Corporate Avenue  
Cypress, California 90630



Arnold Schwarzenegger  
Governor

August 31, 2005

Mr. Steven L. Malloy  
Irvine Ranch Water District  
15600 Sand Canyon Avenue  
P.O. Box 57000  
Irvine, California 92619-7000

APPROVAL THE 100 PERCENT DRAFT DESIGN SUBMITTAL, IRVINE DESALTER PROJECT (IDP), OU 1 (SITE 18) AND OU 2A (SITE 24) GROUNDWATER, FORMER MARINE CORPS AIR STATION EL TORO

Dear Mr. Malloy:

The Department of Toxic Substances Control (DTSC) has reviewed the subject document dated June 28, 2005, prepared by Tetra Tech, Inc. This design document is prepared to support the remediation activities at sites 18 and 24 through the IDP.

DTSC is satisfied that its April 19, 2005 comments on the 90 percent design submittal were adequately addressed. Please note that the injection testing for well No. 1 (IDP-1) indicates that the constant injection rate of 135 gallons per minute is lower than expected. Any future changes in the design, should be consistent with the remediation objectives set forth in the Record of Decision, the groundwater modeling, and the settlement agreement between the two water districts and the federal agencies.

If you have any questions, please contact Mr. Frank Cheng, Remedial Project Manager, at (714) 484-5395.

Sincerely,

Manny Alonzo, Unit Chief  
Office of Military Facilities  
Southern California Operations Branch

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cc: Mr. Robert Woodings  
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Restoration Advisory Board Subcommittee Chair  
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Base Realignment and Closure  
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cc: Mr. John Broderick  
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